Standard Form Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Find A, B, and C from the following equation written in standard form.

1) 2x + 3y = 3 2) 4x – 5y = 1 3) 8x + 5y = -3

Find the slope, the x intercept, and the y intercept for each of the following equations written in standard form. Then graph the line.

4) 2x + 3y = 6 5) 3x – 9y = 18

m= m=

x-int= x-int=

y-int= y-int=

 

6) x + 7y = 14

m=

x-int=

y-int=



Re-write the following equations in standard form.

7) y = -2x + 4 8) y = -3x – 5 9) y = ½ x + 4

10) 2x = 3y – 4 11) -3 = 2x – 7y 12) -2y = 2/3x -4

13) y – 2 = 4(x – 1) 14) y – 7 = ½ (x + 2) 15) y = 2/7( x + 2)

16) y + 1 = 2/5(x – 1) 17) y + 2 = 0(x + 9) 19) x + 7 = 10

Write an equation in standard form given two points.

20) (-3,4) (5,8) 21) (-4,-2) ( 0,-6) 22) (2,2) (5,-2)